

**WASHINGTON STATE DEPARTMENT OF HEALTH  
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

**ANNUAL GROWING AREA REVIEW**

**PREPARED BY:** Donald J. Melvin Environmental Specialist

**AREA:** Spencer Cove

**YEAR ENDING:** December 31, 2005

**CLASSIFICATION:** Approved, Prohibited

**ACTIVITIES IN THE GROWING AREA IN 2005:**

Spencer Cove was sampled 6 times during 2005 in accordance with NSSP systematic random sampling criteria.

**ANALYTICAL RESULTS OF WATER SAMPLES:**

Table #1 summarizes the results of the most recent 30 water samples collected from the area. This summary shows that all stations pass the NSSP approved water quality standard.

**CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:**

We currently have no information indicating that the area has new sources of pollution.

**CLASSIFICATION STATUS:**

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

**REMARKS AND RECOMMENDATIONS:**

Water quality and pollution source information indicated that the Spencer Cove shellfish area is correctly classified.

## TABLE 1

### SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **Spencer Cove**

Classification: **Approved,Prohibited,Unclassified**

From **08/15/2001** To **12/08/2005**

### FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
43	Approved	30	1.7 - 7.8	2.1	4.0	Yes
44	Approved	30	1.7 - 17.0	2.0	3.0	Yes
45	Approved	30	1.7 - 17.0	2.2	4.0	Yes
46	Approved	30	1.7 - 2.0	1.7	1.0	Yes
594	Approved	41	1.7 - 350.0	3.8	15.0	Yes
47	Prohibited	30	1.7 - 2.0	1.7	1.0	Yes
49	Prohibited	30	1.7 - 7.8	1.9	2.0	Yes
51	Prohibited	29	1.7 - 17.0	2.1	4.0	*N/A
582	Unclassified	26	1.7 - 23.0	1.9	3.0	*N/A
677	Unclassified	16	1.7 - 2.0	1.7	1.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

\* N/A - SRS criteria require a minimum of 30 samples from each station. \*

